CRF Errors Corrected by the STIC System Branch

Serial Number: _____

CRF Processing Date: _____
Edited by: _____
Verified by: _____ (STIC staff)

☐ Changed a file from non-ASCII to ASCII

☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.

☐ Edited a format error in the Current Application Data section, specifically: _____
_____

☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other _____.

☐ Added the mandatory heading and subheadings for "Current Application Data".

☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.

☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: _____
_____

☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: _____
_____

☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: _____
_____

☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.

☐ Inserted colons after headings/subheadings. Headings edited included: _____
_____

☐ Deleted extra, invalid, headings used by an applicant, specifically: _____
_____

☑ Deleted: ☑ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file;
☐ page numbers throughout text; ☐ other invalid text, such as _____

☐ Inserted mandatory headings, specifically: _____

☐ Corrected an obvious error in the response, specifically: _____
_____

☐ Edited identifiers where upper case is used but lower case is required, or vice versa.

☐ Corrected an error in the Number of Sequences field, specifically: _____
_____

☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.

☐ Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____

☐ Other: _____
_____
_____

*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95

OIPE

RAW SEQUENCE LISTING
PATENT APPLICATION: **US/10/051,681A**

DATE: 04/14/2003
TIME: 15:25:18

Input Set : **A:\PTO.DC.txt**
Output Set: **N:\CRF4\04142003\J051681A.raw**

3 <110> APPLICANT: Daniel Cohen
4   Ilya Chumakov
6 <120> TITLE OF INVENTION: Treatment of CNS Disorders Using D-Amino Acid Oxidase and D-
Aspartate
7   Oxidase Antagonists
9 <130> FILE REFERENCE: 101.US5.REG
11 <140> CURRENT APPLICATION NUMBER: 10/051,681A
13 <141> CURRENT FILING DATE: 2002-01-16
15 <150> PRIOR APPLICATION NUMBER: 60/261,883
17 <151> PRIOR FILING DATE: 2001-01-16
19 <150> PRIOR APPLICATION NUMBER: 60/305,445
21 <151> PRIOR FILING DATE: 2001-07-13
23 <150> PRIOR APPLICATION NUMBER: 60/345,221
25 <151> PRIOR FILING DATE: 2001-10-22
27 <150> PRIOR APPLICATION NUMBER: 60/333,881
29 <151> PRIOR FILING DATE: 2001-11-19
31 <160> NUMBER OF SEQ ID NOS: 26
33 <170> SOFTWARE: Patent.pm
36 <210> SEQ ID NO: 1
37 <211> LENGTH: 36592
38 <212> TYPE: DNA
39 <213> ORGANISM: Homo sapiens
41 <220> FEATURE:
42 <221> NAME/KEY: misc_feature
43 <222> LOCATION: 38388..40388
44 <223> OTHER INFORMATION: 5'regulatory region
46 <220> FEATURE:
47 <221> NAME/KEY: exon
48 <222> LOCATION: 40389..40670
49 <223> OTHER INFORMATION: exon Z
51 <220> FEATURE:
52 <221> NAME/KEY: exon
53 <222> LOCATION: 42666..42778
54 <223> OTHER INFORMATION: exon A
56 <220> FEATURE:
57 <221> NAME/KEY: exon
58 <222> LOCATION: 43416..43519
59 <223> OTHER INFORMATION: exon B
61 <220> FEATURE:
62 <221> NAME/KEY: exon
63 <222> LOCATION: 61159..61401
64 <223> OTHER INFORMATION: exon C
66 <220> FEATURE:
67 <221> NAME/KEY: exon

4/14/03

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/051,681A

Input Set : A:\PTO.DC.txt
Output Set: N:\CRF4\04142003\J051681A.raw

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68  <220> LOCATION: 64050..64711
69  <221> OTHER INFORMATION: exon Ulong
71  <220> FEATURE:
72  <221> NAME/KEY: exon
73  <222> LOCATION: 64678..64711
74  <223> OTHER INFORMATION: exon U
76  <220> FEATURE:
77  <221> NAME/KEY: exon
78  <222> LOCATION: 66126..66261
79  <223> OTHER INFORMATION: exon V
81  <220> FEATURE:
82  <221> NAME/KEY: exon
83  <222> LOCATION: 66958..66690
84  <223> OTHER INFORMATION: exon 2
86  <220> FEATURE:
87  <221> NAME/KEY: exon
88  <222> LOCATION: 71941..72056
89  <223> OTHER INFORMATION: exon 3
91  <220> FEATURE:
92  <221> NAME/KEY: exon
93  <222> LOCATION: 73962..74038
94  <223> OTHER INFORMATION: exon 4
96  <220> FEATURE:
97  <221> NAME/KEY: exon
98  <222> LOCATION: 74701..74766
99  <223> OTHER INFORMATION: exon 5
101 <220> FEATURE:
102 <221> NAME/KEY: exon
103 <222> LOCATION: 77478..77532
104 <223> OTHER INFORMATION: exon 6
106 <220> FEATURE:
107 <221> NAME/KEY: exon
108 <222> LOCATION: 78762..78866
109 <223> OTHER INFORMATION: exon 7
111 <220> FEATURE:
112 <221> NAME/KEY: exon
113 <222> LOCATION: 81507..81589
114 <223> OTHER INFORMATION: exon 8
116 <220> FEATURE:
117 <221> NAME/KEY: exon
118 <222> LOCATION: 83181..83298
119 <223> OTHER INFORMATION: exon 9
121 <220> FEATURE:
122 <221> NAME/KEY: exon
123 <222> LOCATION: 83879..83977
124 <223> OTHER INFORMATION: exon 10
126 <220> FEATURE:
127 <221> NAME/KEY: exon
128 <222> LOCATION: 84906..85423
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129 ...  OTHER INFORMATION: exon 11
131 ...  FEATURE:
132 ...  NAME/KEY: exon
133 ...  LOCATION: 84906..85541
134 ...  OTHER INFORMATION: exon 11long
136 ...  FEATURE:
137 ...  NAME/KEY: misc_feature
138 ...  LOCATION: 85542..86502
139 ...  OTHER INFORMATION: 3'regulatory region
141 ...  FEATURE:
142 ...  NAME/KEY: allele
143 ...  LOCATION: 6199
144 ...  OTHER INFORMATION: 24-1443-126 : polymorphic base C or T
146 ...  FEATURE:
147 ...  NAME/KEY: allele
148 ...  LOCATION: 44814
149 ...  OTHER INFORMATION: 24-1457-52 : polymorphic base A or C
151 ...  FEATURE:
152 ...  NAME/KEY: allele
153 ...  LOCATION: 72600
154 ...  OTHER INFORMATION: 27-93-181 : polymorphic base A or G
156 ...  FEATURE:
157 ...  NAME/KEY: allele
158 ...  LOCATION: 74046
159 ...  OTHER INFORMATION: 24-1461-256 : polymorphic base A or G
161 ...  FEATURE:
162 ...  NAME/KEY: primer_bind
163 ...  LOCATION: 6074..6094
164 ...  OTHER INFORMATION: 24-1443.pu
166 ...  FEATURE:
167 ...  NAME/KEY: primer_bind
168 ...  LOCATION: 6559..6579
169 ...  OTHER INFORMATION: 24-1443.rp complement
171 ...  FEATURE:
172 ...  NAME/KEY: primer_bind
173 ...  LOCATION: 44763..44782
174 ...  OTHER INFORMATION: 24-1457.pu
176 ...  FEATURE:
177 ...  NAME/KEY: primer_bind
178 ...  LOCATION: 45257..45277
179 ...  OTHER INFORMATION: 24-1457.rp complement
181 ...  FEATURE:
182 ...  NAME/KEY: primer_bind
183 ...  LOCATION: 72359..72378
184 ...  OTHER INFORMATION: 27-93.rp
186 ...  FEATURE:
187 ...  NAME/KEY: primer_bind
188 ...  LOCATION: 72763..72780
189 ...  OTHER INFORMATION: 27-93.pu complement
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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/051,681A

Input Set : A:\PTO.DC.txt
Output Set: N:\CRF4\04142003\J051681A.raw

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192 <221> NAME/KEY: primer_bind
193 <222> LOCATION: 43791..43811
194 <223> OTHER INFORMATION: 24-1461.pu
195 <220> FEATURE:
196 <221> NAME/KEY: primer_bind
197 <222> LOCATION: 44307..44324
198 <223> OTHER INFORMATION: 24-1461.rp complement
201 <220> FEATURE:
202 <221> NAME/KEY: primer_bind
203 <222> LOCATION: 180..198
204 <223> OTHER INFORMATION: 24-1443-126.mis
206 <220> FEATURE:
207 <221> NAME/KEY: primer_bind
208 <222> LOCATION: 200..218
209 <223> OTHER INFORMATION: 24-1443-126.mis complement
211 <220> FEATURE:
212 <221> NAME/KEY: primer_bind
213 <222> LOCATION: 44795..44813
214 <223> OTHER INFORMATION: 24-1457-52.mis
216 <220> FEATURE:
217 <221> NAME/KEY: primer_bind
218 <222> LOCATION: 44815..44833
219 <223> OTHER INFORMATION: 24-1457-52.mis complement
221 <220> FEATURE:
222 <221> NAME/KEY: primer_bind
223 <222> LOCATION: 72581..72599
224 <223> OTHER INFORMATION: 27-93-181.mis
226 <220> FEATURE:
227 <221> NAME/KEY: primer_bind
228 <222> LOCATION: 72601..72619
229 <223> OTHER INFORMATION: 27-93-181.mis complement
231 <220> FEATURE:
232 <221> NAME/KEY: primer_bind
233 <222> LOCATION: 84027..84045
234 <223> OTHER INFORMATION: 24-1461-256.mis
236 <220> FEATURE:
237 <221> NAME/KEY: primer_bind
238 <222> LOCATION: 84047..84065
239 <223> OTHER INFORMATION: 24-1461-256.mis complement
241 <220> FEATURE:
242 <221> NAME/KEY: misc_binding
243 <222> LOCATION: 6187..6211
244 <223> OTHER INFORMATION: 24-1443-126.probe
246 <220> FEATURE:
247 <221> NAME/KEY: misc_binding
248 <222> LOCATION: 44802..44826
249 <223> OTHER INFORMATION: 24-1457-52.probe
251 <220> FEATURE:
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RAW SEQUENCE LISTING

DATE: 04/14/2003

PATENT APPLICATION: US/10/051,681A

TIME: 15:25:18

Input Set : A:\PTO.DC.txt
Output Set: N:\CRF4\04142003\J051681A.raw

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253 <222> LOCATION: 72588..72612
254 <223> OTHER INFORMATION: J7-92-181.probe
255 <220> FEATURE:
256 <221> NAME/KEY: misc_binding
257 <222> LOCATION: 84024..84552
258 <223> OTHER INFORMATION: J4-1461-256.probe
259 <400> SEQUENCE: 1
262 attaatcgaa caggacaac ttccgagga agtcctgcc tcagaaagat tcagaaagc          60
263 cagacagtca ctttcagaca aattacacc gcaaacggt caaacactaa acacgctat        120
264 gcctcagac cgttcagta atggccaaat agatgggct ctgggcattt ctgagagcac        180
265 crgctggtg gcaacctatc ctaatgacc atgccctca gtctccaagt ggctcttcag        240
266 agctacatc cgacacctc ctatgctaca ggttctttca gcccaggtt cccaaccacc        300
267 ccaaggccac agagccacc cccaactca tcttctacat gtgtcacagg aaacttttctc      360
268 atagtgctat ttattatgta ctgcggcggt gggggccatg tcataaaaga aatgtcctcc     420
269 cttttttatt catcccttc taacaagcat caaagtctca gtcggtagca tgtgacttac      480
270 agaagctctc atgggaacaa gacaagacca tactgttacc gtgacacttca cggcctcct     540
271 gactggtttc tgctgttgat tctgcctcaa atgctcctca aatgcacctt gctgctcggc     600
272 ctccacccta cagctcgcct gactgccac ttgcccgtta agagtcgggt taggcttcac      660
273 tcctgccaga aaggtcctgc caggtgctct caacagtcac cccctcctgt ggtctcacaa      720
274 aacccagcca cctctcggtc actctctccc tcctatctgg ttgtgactgt cttccatgct     780
275 cacttagaag ctctctgagg ccaagacctg tgtgtactgt tgcttctttg tttaacctgg      840
276 cctagcccat tgcctcatac acaggagaat gcaaataaat catatgctta atgaatgagt      900
277 cgatgaatga atgatgaata aagggaatct aatctagttt taacaaatcc aggttttcca      960
278 atgatctcac aggcattcat ttatcttgtg atgtcagggg agtgactcca ccctcatttc     1020
279 aacgcatct tgggtcaat gcctctaactt acttggcctc cagttagtgg gaaattacaa       1080
280 gctacacttc aagctctga ctaggactg ccatgaagta cttgggaatc agtggagtat        1140
281 cactgtgggg tgaggtgtct gaggcgaggc ccaccaatct ccatacttct ccccgggccc      1200
282 ctctgcctga gaggtctcc ctccttcct tggcagactc tggtttggcc ttctgggttc       1260
283 ggcgttgttg tcacctcctt cagaagcat ttctggctaa ggtgccccac tctatagcag      1320
284 ctggtgtaaa acctctctaa gcaaacagca taactttctg tcctctcaat tgactctgag     1380
285 ttctgagagc acagcctgga gctggcacgg tgcctggcac agagagctga aatggcacac     1440
286 cctagtgttc ccagtggctc gactccccag gctctccatc aggacgcagc cctctcccac     1500
287 ctctgatgga tatgggacca tggaatgctt tgtccagcag caactcttgc ctccctcaca     1560
288 gaagggaaca cctagcccat cagactcacc tttccttact ggaaaagtcc actcccagca     1620
289 agatattctc ctcggtgtcc tggcgccggc tgctgtacac caccaccatg taccggaccc      1680
290 ggtccgccca ggcgctctcc aggcgcactg cctagaacag ggcagacatg ctctcactaa     1740
291 cctgcctttg gaggtggtgc ctccctccca tctccaatgc aagatcaaca ctttcagtgt     1800
292 tctacctttc cctctgggag ttaaaaatga agagaaaatt cttggctggg catggtggtt     1860
293 caggcctgta atcccagcac tttgggaggc caaggtaggc agatcacttg aggtcaggag     1920
294 ttcgagacca gcctggccaa catggcaaaa ccccatctct tactaaaaat acaaaaatta     1980
295 gctgggcatg gtggcgtgcg cctgtaatcc cagctactca gggactcag gcacgagaat      2040
296 ctcttgaacc cgggaagcgg aggttgcagt gagctgagat catgccacca catgccagcc     2100
297 agagcgacag agtgagattc tgtctcaaac aacaacaaca caacaaaaca caaagcggaa     2160
298 gttcttgaca gcaggaacca ggcctcgttt ctctctgtag caccaggac gccgcctggc      2220
299 tcagaggaat caccaaaat gcaagaaatc agtgaacaca tgaaatccaa agaaagttcg      2280
300 tatttagctt attaactgc cgtggagacc tgtttcatcc ctcctcccgc ccctctgggg     2340
301 aactgaggag taacctggc tttggcttta gtgcacaatt tgagaatttg ttgtaaccta      2400
302 aaagcttttc ccttatcat tcacgaatgg ttccccacca ggtttcacaa ttaaaaatta     2460
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RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 04/14/2003
PATENT APPLICATION: US/10/051,681A   TIME: 15:25:19

Input Set : A:\PTO.DC.txt
Output Set: N:\CRF4\04142003\J051681A.raw

Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220>
to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:13; Xaa Pos. 10,30,50,60,115
Seq#:14; Xaa Pos. 10,30,50,60,115

VERIFICATION SUMMARY
PATENT APPLICATION: **US/10/051,681A**

DATE: 04/14/2003
TIME: 15:25:19

Input Set : **A:\PTO.DC.txt**
Output Set: **N:\CRF4\04142003\J051681A.raw**

L:2486 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:103
M:341 Repeated in SeqNo=13
L:2577 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:0
M:341 Repeated in SeqNo=14

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/051,681A

DATE: 04/14/2003
TIME: 08:56:11

Input Set : A:\seqlisting.txt
Output Set: N:\CRF4\04142003\J051681A.raw

3 <110> APPLICANT: Daniel Cohen
4   Ilya Chumakov
6 <120> TITLE OF INVENTION: Treatment of CNS Disorders Using D-Amino Acid Oxidase and D-
Aspartate
7   Oxidase Antagonists
9 <130> FILE REFERENCE: 101.US5.REG
11 <140> CURRENT APPLICATION NUMBER: 10/051,681A
12 <141> CURRENT FILING DATE: 2002-01-16
15 <150> PRIOR APPLICATION NUMBER: 60/261,883
17 <151> PRIOR FILING DATE: 2001-01-16
19 <150> PRIOR APPLICATION NUMBER: 60/305,445
21 <151> PRIOR FILING DATE: 2001-07-13
23 <150> PRIOR APPLICATION NUMBER: 60/345,221
25 <151> PRIOR FILING DATE: 2001-10-22
27 <150> PRIOR APPLICATION NUMBER: 60/333,881
29 <151> PRIOR FILING DATE: 2001-11-19
31 <160> NUMBER OF SEQ ID NOS: 26
33 <170> SOFTWARE: Patent.pm

ERRORED SEQUENCES

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3004 <211> LENGTH: 47
3005 <212> TYPE: DNA
3006 <213> ORGANISM: Artificial Sequence
3008 <220> FEATURE:
3009 <223> OTHER INFORMATION: oligonucleotide 24-1461-256
3071 <220> FEATURE:
3072 <221> NAME/KEY: allele
3073 <222> LOCATION: 24
3074 <223> OTHER INFORMATION: polymorphic base A or G
3076 <400> SEQUENCE: 26   47
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E--> 3078 (54" delete

VERIFICATION SUMMARY
PATENT APPLICATION: US/10/051,681A

DATE: 04/14/2003
TIME: 08:56:12

Input Set : A:\seqlisting.txt
Output Set: N:\CRF4\04142003\J051681A.raw

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L:2486 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:103
L:2489 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:151
L:2492 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:199
L:2495 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:247
L:2495 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:391
L:2504 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:0
L:2577 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:16
L:2579 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:48
L:2583 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:112
L:3078 M:254 E: No. of Bases conflict, this line has no nucleotides.
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